

Clark
Shoemaker

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/035,596**

1633

16

DATE: 10/22/98
TIME: 16:11:01

INPUT SET: S29350.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

3 (1) General Information:

5 (i) APPLICANT: Gunzburg, Walter H.
6 Saller, Robert M.
7 Salmons, Brian

9 (ii) TITLE OF INVENTION: THE USE OF THE WAP OR MMTV REGULATORY
10 SEQUENCES FOR TARGETED EXPRESSION OF LINKED HETEROLOGOUS
11 GENES IN HUMAN MAMMARY CELLS, INCLUDING HUMAN MAMMARY
12 CARCINOMA CELLS

14 (iii) NUMBER OF SEQUENCES: 9

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
18 (B) STREET: Two Militia Drive
19 (C) CITY: Lexington
20 (D) STATE: Massachusetts
21 (E) COUNTRY: USA
22 (F) ZIP: 02173

24 (v) COMPUTER READABLE FORM:

25 (A) MEDIUM TYPE: Floppy disk
26 (B) COMPUTER: IBM PC compatible
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

30 (vi) CURRENT APPLICATION DATA:

31 (A) APPLICATION NUMBER: US 09/035,596
32 (B) FILING DATE: 03-MAR-1998
33 (C) CLASSIFICATION:

35 (vii) PRIOR APPLICATION DATA:

36 (A) APPLICATION NUMBER: PCT/EP96/03922
37 (B) FILING DATE: 06-SEP-1996

39 (vii) PRIOR APPLICATION DATA:

40 (A) APPLICATION NUMBER: DK 0976/95
41 (B) FILING DATE: 06-SEP-1995

43 (viii) ATTORNEY/AGENT INFORMATION:

44 (A) NAME: Brook, David E.
45 (B) REGISTRATION NUMBER: 22,592
46 (C) REFERENCE/DOCKET NUMBER: GSF98-01

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/035,596**DATE: 10/22/98
TIME: 16:11:02**INPUT SET: S29350.raw**

47
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (781) 861-6240
50 (B) TELEFAX: (781) 861-9540
51
52
53 (2) INFORMATION FOR SEQ ID NO:1:
54
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 41 base pairs
57 (B) TYPE: nucleic acid
58 (C) STRANDEDNESS: single
59 (D) TOPOLOGY: linear
60
61 (ii) MOLECULE TYPE: other nucleic acid
62 (A) DESCRIPTION: /desc = "DNA"
63
64
65
66
67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
68
69 ATGAAAGACC CCGCGGACGC GTGCGCCAGT CCTCCGATTG A 41
70
71 (2) INFORMATION FOR SEQ ID NO:2:
72
73 (i) SEQUENCE CHARACTERISTICS:
74 (A) LENGTH: 20 base pairs
75 (B) TYPE: nucleic acid
76 (C) STRANDEDNESS: single
77 (D) TOPOLOGY: linear
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79 (ii) MOLECULE TYPE: other nucleic acid
80 (A) DESCRIPTION: /desc = "DNA"
81
82
83
84
85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
86
87 TCAATCACTC AGAGGAGACC 20
88
89 (2) INFORMATION FOR SEQ ID NO:3:
90
91 (i) SEQUENCE CHARACTERISTICS:
92 (A) LENGTH: 41 base pairs
93 (B) TYPE: nucleic acid
94 (C) STRANDEDNESS: single
95 (D) TOPOLOGY: linear
96
97 (ii) MOLECULE TYPE: other nucleic acid
98 (A) DESCRIPTION: /desc = "DNA"
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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/035,596**DATE: 10/22/98
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100
101
102
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
104
105 ACATCGATAG AAAAAGGGGG GAATGAAAGA CCCCCGCGGAC G 41
106
107 (2) INFORMATION FOR SEQ ID NO:4:
108
109 (i) SEQUENCE CHARACTERISTICS:
110 (A) LENGTH: 26 base pairs
111 (B) TYPE: nucleic acid
112 (C) STRANDEDNESS: single
113 (D) TOPOLOGY: linear
114
115 (ii) MOLECULE TYPE: other nucleic acid
116 (A) DESCRIPTION: /desc = "DNA"
117
118
119
120
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
122
123 ATACCGCGGA AAAAGGGGGA AATGCC 26
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125 (2) INFORMATION FOR SEQ ID NO:5:
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127 (i) SEQUENCE CHARACTERISTICS:
128 (A) LENGTH: 33 base pairs
129 (B) TYPE: nucleic acid
130 (C) STRANDEDNESS: single
131 (D) TOPOLOGY: linear
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133 (ii) MOLECULE TYPE: other nucleic acid
134 (A) DESCRIPTION: /desc = "DNA"
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136
137
138
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
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141 GGGGCGACGC GTAAGTTTAC TCAAAAAATC AGC 33
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143 (2) INFORMATION FOR SEQ ID NO:6:
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145 (i) SEQUENCE CHARACTERISTICS:
146 (A) LENGTH: 28 base pairs
147 (B) TYPE: nucleic acid
148 (C) STRANDEDNESS: single
149 (D) TOPOLOGY: linear
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151 (ii) MOLECULE TYPE: other nucleic acid
152 (A) DESCRIPTION: /desc = "DNA"

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/035,596**DATE: 10/22/98
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153
154
155
156
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
158
159 AACCGCGGCC AGGAGAAGTC ACCCTCAG 28
160
161 (2) INFORMATION FOR SEQ ID NO:7:
162
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 30 base pairs
165 (B) TYPE: nucleic acid
166 (C) STRANDEDNESS: single
167 (D) TOPOLOGY: linear
168
169 (ii) MOLECULE TYPE: other nucleic acid
170 (A) DESCRIPTION: /desc = "DNA"
171
172
173
174
175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
176
177 ACACCGGTCT GCCTCTCCCC TCAGGACACA 30
178
179 (2) INFORMATION FOR SEQ ID NO:8:
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181 (i) SEQUENCE CHARACTERISTICS:
182 (A) LENGTH: 26 base pairs
183 (B) TYPE: nucleic acid
184 (C) STRANDEDNESS: single
185 (D) TOPOLOGY: linear
186
187 (ii) MOLECULE TYPE: other nucleic acid
188 (A) DESCRIPTION: /desc = "DNA"
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190
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193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
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195 AAGCCGGATC CCTGGAGAGC ATGCAC 26
196
197 (2) INFORMATION FOR SEQ ID NO:9:
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199 (i) SEQUENCE CHARACTERISTICS:
200 (A) LENGTH: 20 base pairs
201 (B) TYPE: nucleic acid
202 (C) STRANDEDNESS: single
203 (D) TOPOLOGY: linear
204
205 (ii) MOLECULE TYPE: other nucleic acid

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**RAW SEQUENCE LISTING
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206 (A) DESCRIPTION: /desc = "DNA"
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208
209
210
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
212
213 CGATTAGGAT CCCTGCCTCA 20
214

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION **US/09/035,596**

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Original Text